

The background of the slide is a close-up, slightly blurred image of the American flag, showing the stars and stripes. The text is overlaid on this background.

Surveillance at the Marine Corps' Recruit Depots

CDR David McMillan, MC, USN
Preventive Medicine Officer
Headquarters, USMC

The background of the slide is a close-up, slightly blurred image of the American flag, showing the stars and stripes. A white rectangular box with a thin red border is positioned in the upper left quadrant, containing the title.

Overview

- Depot locations and census
- Infectious Disease Surveillance
- Injury surveillance
- Instruction and education

Marine Corps Recruit Depots

- Parris Island, South Carolina:
 - ▶ Only female recruit training site.
 - ▶ 22,000 recruits per year.
 - ▶ Medical support - Naval Hospital, Beaufort.
- San Diego, California
 - ▶ 17,000 recruits per year.
 - ▶ Medical support – Naval Hospital, Balboa and Naval Hospital, Camp Pendleton.

Surveillance Programs

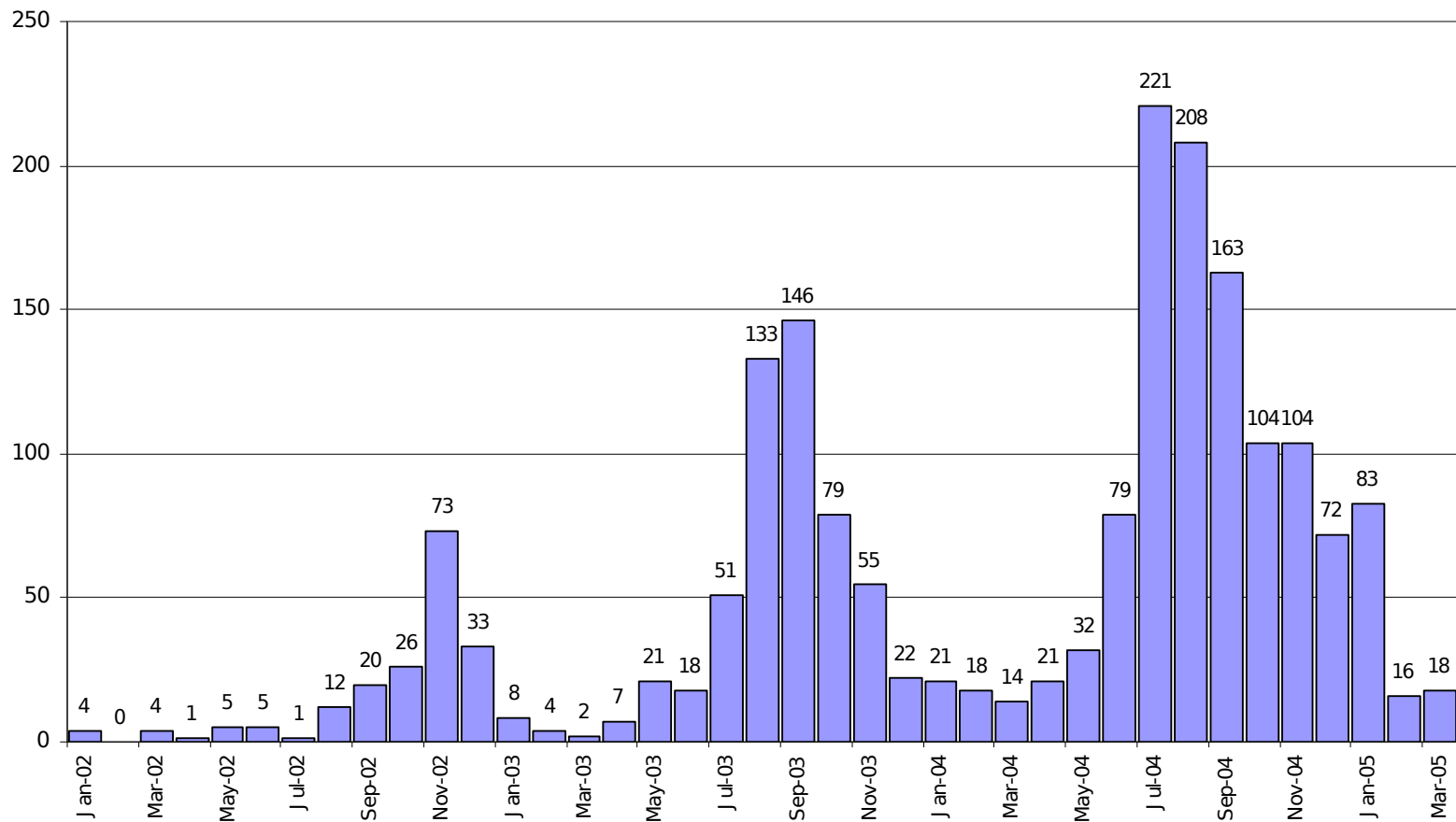
- Initial screening:
 - ▶ Chlamydia, HCG and PAP screening for all female recruits.
 - ▶ Routine screens: G6PD, Sickle Cell, HIV, RPR, ABO Rh typing, PPD.
- Baseline audiogram and visual exam.
- Heat injury, MRSA, FRI, SMIP.
- Recruit Assessment Program (RAP).

The background of the slide is a stylized American flag, featuring white stars on a blue field in the upper left and red and white stripes across the rest of the image. A white rectangular box with a thin red border is positioned in the upper left, containing the title.

Heat Injury Surveillance

- Surveillance by unit: water intake, activity levels, WBGT condition.
- Recruit sampling during Crucible phase of training for urine specific gravity testing.
- Detailed review of any heat casualty for causal factors.

MRSA Surveillance at MCRD PI

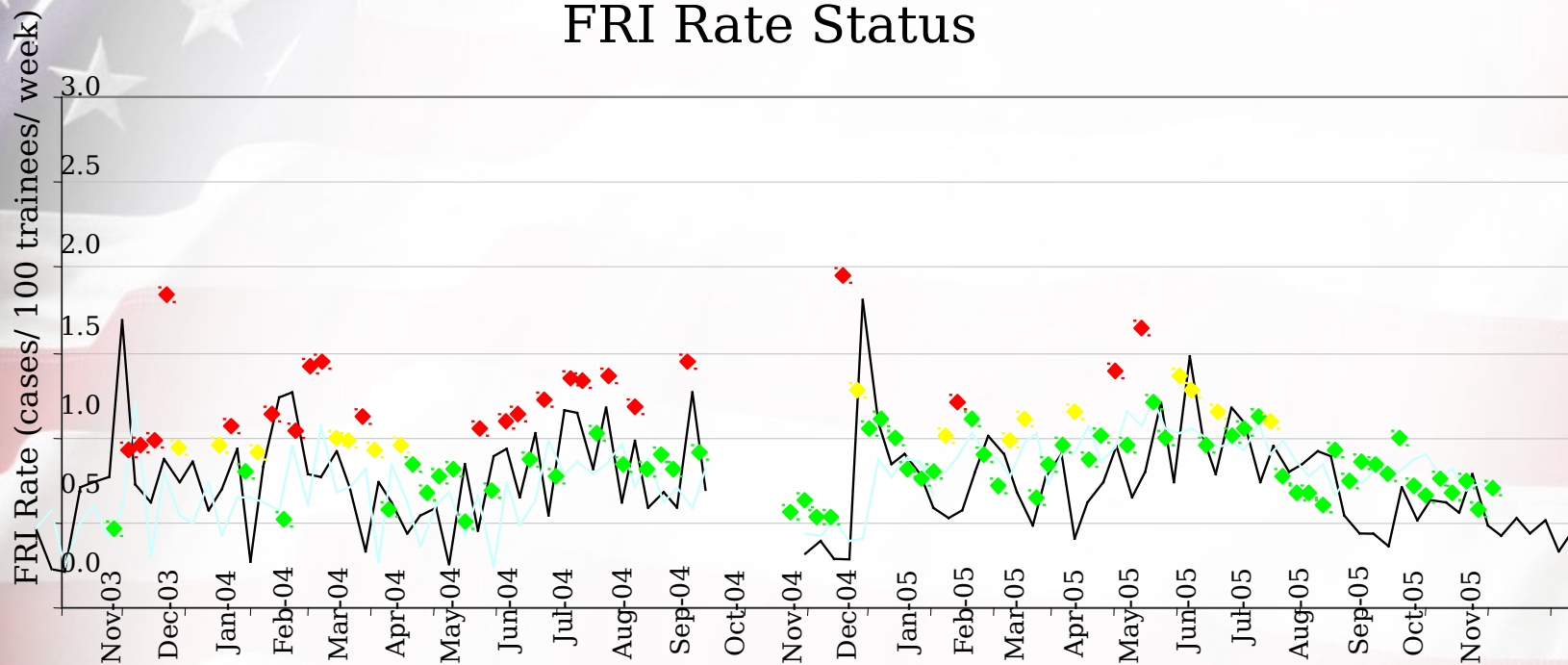


Febrile Respiratory Illness

- Periodic review of data.
- Pneumonia and *S. pyogenes* surveillance.
 - ▶ Prophylaxis programs as appropriate.
- Specific interventions for units with rates greater than 1% for FRI.
- Viral identification via Naval Health Research Center. (Adenovirus, Influenza A and B, RSV, Parainfluenza 1, 2, and 3.)

Febrile Respiratory Illness

FRI Rate Status



At/Below Expected



Moderately Elevated



Substantially Elevated

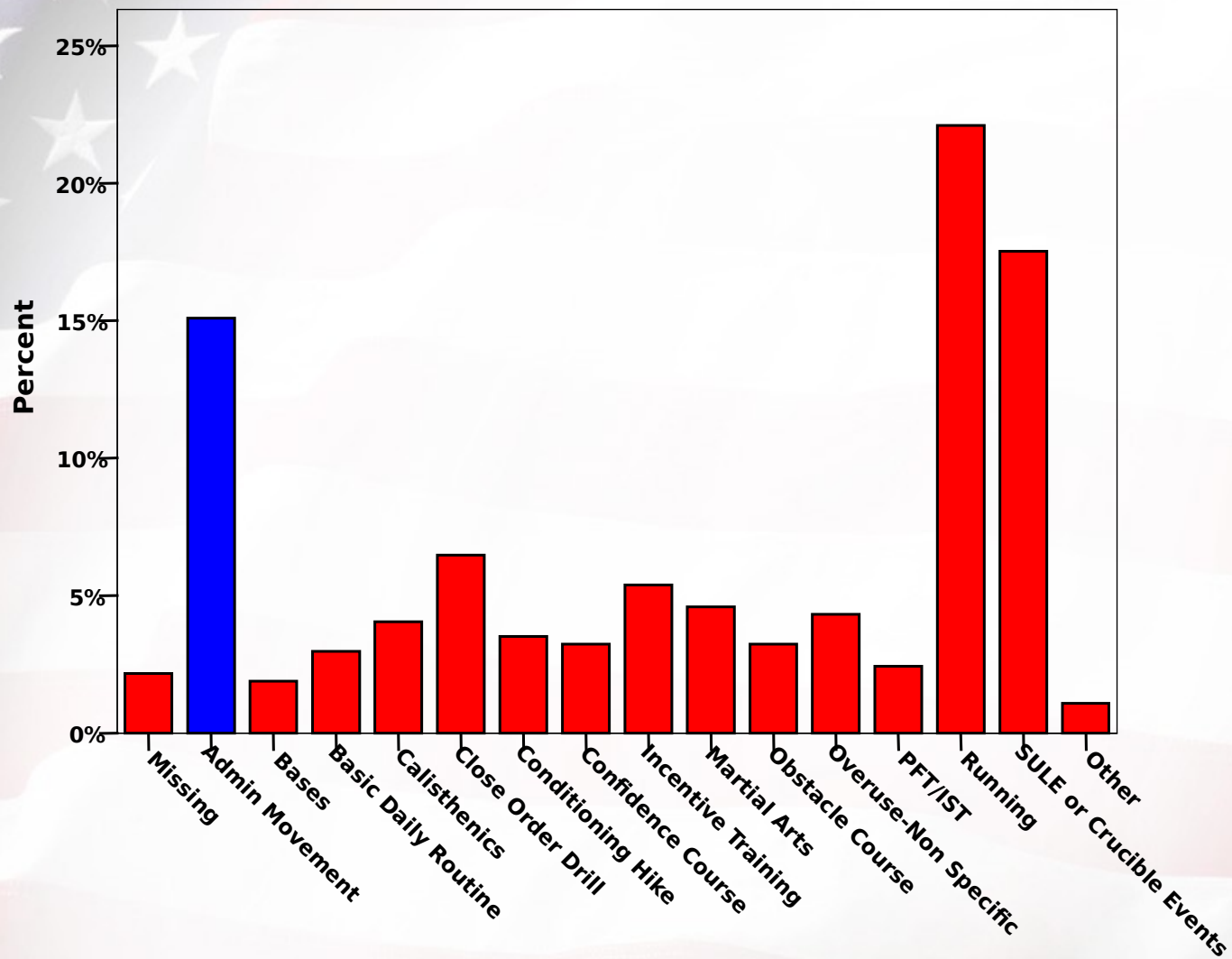


Expected Rate

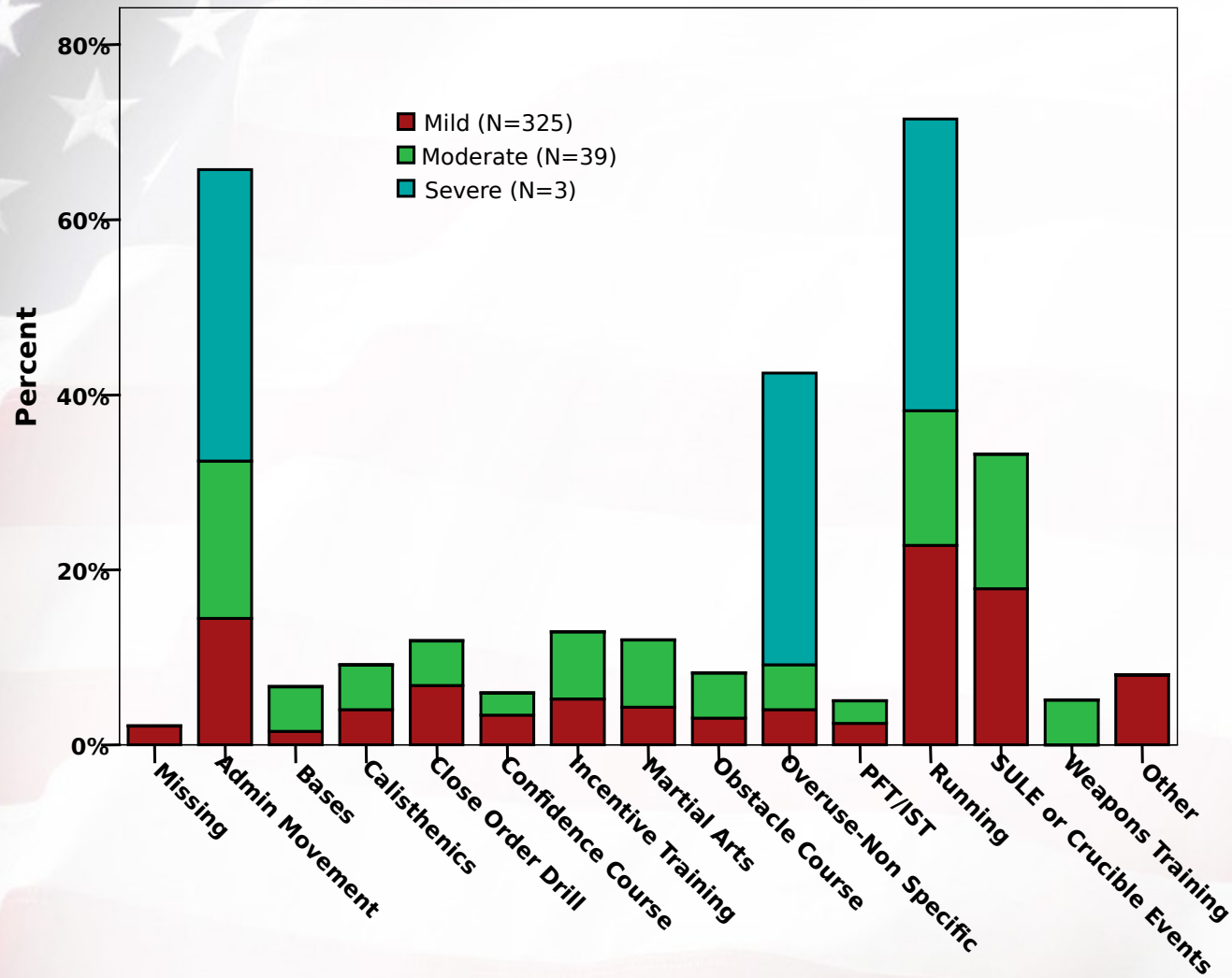
Sports Medicine Injury Prevention

- Initiated at entry-level training centers.
- Associated with Sports Medicine Clinics.
- Data collection and tracking.
- Certified Athletic Trainers.
- Primary prevention primary mission.
- Secondary prevention capabilities.

Monthly SMIP Report by Event



Injury Severity by Event



The background of the slide is a stylized American flag, with the stars and stripes visible. The title is enclosed in a white box with a thin red border.

Training and Education

- Breast self-exam for women.
- Testicular self-exam for men.
- Hygiene and handwashing instruction.
- Hydration and heat injury avoidance.
- Injury prevention: before entry and during training.

The background of the slide is a close-up, slightly blurred image of the American flag. The stars and stripes are visible, with the blue field of stars on the left and the red and white stripes on the right. The flag appears to be waving or draped.

Questions?